	FED 9 2 2000	9					
FORM PT	1449/A and B	y Odifie	1 PTO/SR/08)	APPLICATION NO.:	09/776,479	ATTY. DOCKET NO.: C1037.70013US00	
	MARMA			FILING DATE:	February 2, 2002	CONFIRMATION NO.: 7139	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT:	Robert L. Bratzler et al.		
				CDOUD ABOUT	1646	DVANAINED NEA M Minus C.14	
Sheet	1	of	2	GROUP ART UNIT:	1645	EXAMINER: Nita M. Minnifeld	

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Doc	ument	Name of Patentee or Applicant of Cited	Date of Publication or Issue of Cited Document MM-DD-YYYY	
Initials #	No.	Number	Kind Code	Document		
		6,399,630	B1	Macfarlane	06-04-2002	
		6,653,292	B1	Krieg et al.	11-25-2003	
		6,727,230	B1	Hutcherson et al.	04-27-2004	
		6,821,957	B1	Krieg et al.	11-23-2004	
		6,949,520	B1	Hartmann et al.	09-27-2005	
		7,034,007	B1	Nyce et al.	04-25-2006	
		2002-0091097	A1	Bratzler et al.	07-11-2002	
		2002-0156033	A1	Bratzler et al.	10-24-2002	
		2002-0164341	A1	Davis et al.	11-07-2002	
		2002-0165178	A1	Schetter et al	11-07-2002	
		2002-0198165	A1	Bratzler et al.	12-26-2002	
		2003-0026801	A1	Weiner et al.	02-06-2003	
		2003-0050263	A1	Krieg et al.	03-13-2003	
		2003-0050268	A1	Krieg et al.	03-13-2003	
		2003-0055014	A1	Bratzler	03-20-2003	
		2003-0100527	Al	Krieg et al.	05-29-2003	
		2003-0148316	A1	Lipford et al.	08-07-2003	
		2003-0148976	A1	Krieg et al.	08-07-2003	
		2003-0166001	A1	Lipford	09-04-2003	
		2003-0181406	A1	Schetter et al.	09-25-2003	
		2003-0191079	A1	Krieg et al.	10-09-2003	
		2003-0232074	A1	Lipford et al.	12-18-2003	
		2004-0030118	A1	Wagner et al.	02-12-2004	
		2005-0277609	A1	Krieg et al.	12-15-2005	
		2007-0065467	A1	Krieg et al.	03-22-2007	
		2009-0017021	A1	Davis et al.	01-15-2009	

FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of	Translation
		Office/ Country	Number	Kind Code	Document Document	Cited Document MM-DD-YYYY	(Y/N)
		wo	99/56755	A1	University of Iowa Research Foundation	11-11-1999	
		wo	00/06588	Al	University of Iowa Research Foundation	02-10-2000	

EXAMINER:	DATE CONSIDERED:

[#] EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO 1440/A and P (modified PTO/SP/09)			4 PTO (CD (AR)	APPLIC	ATION NO.: 09/776,479	ATTY. DOCKET NO.: C1037.70013US00					
FORM PTO-1449/A and B (modified PTO/SB/08) INFORMATION DISCLOSURE				FILING	DATE: February 2, 2002	CONFIRMATION NO.: 7139					
			PLICANT	APPLIC	ANT: Robert L. Bratzler	et al.					
Sheet	2	of	3	GROUP	ART UNIT: 1645	EXAMINER	XAMINER: Nita M. Minnifeld				
Silect			J J	J	· · · · · · · · · · · · · · · · · · ·						
	T	wo	00/14217	A2	A2 CPG Immunopharmaceuticals GMBH 03-16-2000						
· · · ·	1	wo	00/67023	ATD	<u> </u>						
		wo	03/043572	AT CPG Immunopharmaceuticals GMBH 11-09-2000 A2 3M Innovative Properties Company 05-30-2003			05-30-2003	,			
		wo	2008/139262	A2	Coley Pharmaceutical GMBH		11-20-2008				
			OTHER AL	DT NON	PATENT LITERATURE DOCU	MENTS					
	T 6:-	Include r					e), title of the item	Translation			
Examiner's Initials #	Cite No	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.									
			et al., Immunom 173-9. Abstract (by liposome entrapped allergen. I	Mol Cell Biod	chem. 1990 Sep				
		CHO et a	l., Immunostimu	latory DN	A sequences inhibit respiratory s						
	<u> </u>				J Allergy Clin Immunol. 2001 N lines: an assessment of physician						
			spir Crit Care Me								
	FONSECA et al., Use of				CpG oligonucleotides in treatment of asthma and allergic disease. Adv 9. [Epub ahead of print]. 7 pages.						
		GAVETT	Γ et al., Interleuk	in 12 inhit							
			cytokine express Effects of CpG D								
	ļ		. H. Wagner. Spi								
		Allergic I	t al., Ch. 26: DN Diseases. Ed., Z	eiman et a							
			mmunotherapy of Review.	of asthma	es. 2007;39(1-						
		KLINE e	t al., Toll-like ree		asthma therapy.	-					
		Drug News Perspect. 2008 Oct;21(8):434-9. KOU et al., [Analysis and regulation of interferon-gamma production by peripheral blood									
lymphocytes from patient Abstract Only.			tes from patient		Y- Abstract						
		KRIEG et al., CpG motifs in bacterial DNA and their immune effects. Annu Rev Immunol. 2002;20:709-60. KRIEG et al., P-chirality-dependent immune activation by phosphorothioate CpG oligodeoxynucleotides. Oligonucleotides. 2003;13(6):491-9. KRIEG et al., Unmethylated CpG DNA protects mice from lethal listeria monocytogenes challenge.									
979											
	 	Vaccines. 1997; 97:77-9. KRIEG, Antiinfective applications of toll-like receptor 9 agonists. Proc Am Thorac Soc. 2007									
	<u> </u>	Jul;4(3):289-94. KRIEG, Development of TLR9 agonists for cancer therapy. J Clin Invest. 2007 May;117(5):1184-									
	ļ	94.									
		Med. 199	9 Jan-Feb;1(1):5	6-63.	ies of CpG DNA and implication						
		KRIEG, How to exclude immunostimulatory and other nonantisense effects of antisense									
EXAMINER:					DATE CONSIDERED:						

* EXAMINER: Initial if reference considered, whether or noticitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449	D/A and B (modified	PTO/SB/08)	APPLICATION NO.:	09/776,479	ATTY. DOCKET NO.: C1037.70013US00						
INFORM	`		ŕ	FILING DATE:	February 2, 2002	CONFIRMATION NO.: 7139						
STATEM				APPLICANT: Robert L. Bratzler et al.								
Sheet	3	of	3	GROUP ART UNIT:	1645	EXAMINER: Nita M. Minnifeld						
	امان	ronucle	otides Manual	of Antisense. 1999:79	-80							
		IEG, I				accine. 2001 Nov 8;19(6):618-						
	KR	IEG, N		CpGs.Trends Microbi								
		UEG, T 1;5(6):4		intial of Toll-like recep	otor 9 activation. Nat	Rev Drug Discov. 2006						
				r 9 (TLR9) agonists in	the treatment of cano	cer. Oncogene. 2008 Jan						
	MI Stu	7;27(2):161-7. Review. MILGROM et al., Treatment of allergic asthma with monoclonal anti-IgE antibody. rhuMAb-E25 Study Group. N Engl J Med. 1999 Dec 23;341(26):1966-73. Abstract only.										
		SJÖLANDER et al., Iscoms containing purified Quillaja saponins upregulate both Th1-like and Th2-like immune responses. Cell Immunol. 1997 Apr 10;177(1):69-76.										
EXAMINER:					DATE CONSIDERED:							
EXAMINER.					DATE CONSIDERED.	·						
a copy of this for a copy of this referer ling date under 35 U NOTE – No copies of the included. See 37 C	orm with nex nee is not pro .S.C. 120 (co f U.S. patent CFR §1.98 an by 37 CFR §1	t communication vided as ontinuations, published 1287001.98 unless	it was previously ci in, continuation-in- led U.S. patent appl G163. Copies of all is 1) such copies we	nt. ited by or submitted to the o part, and divisional applicati lications, or pending, unpuble other patent(s), publication	ffice in a prior application, ons). lished patent applications s (s), unpublished, pending V	hrough citation if not in conformance and not considered. Serial No, filed, and relied upon for an earlier stored in the USPTO's Image File Wrapper (IFW) system U.S. patent applications, or other information listed are mplies with 37 CFR §1.98, and 2) the earlier application						
						•						
EXAMINER:					DATE CONSIDERED:							

[#] EXAMINER: Initial if reference considered, whether or notcitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.